

INTERNATIONAL SEARCH REPORT

Internat. Application No.
PCT/03/26331

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C17/20 C07C17/21 C07C17/23 C07C19/10 C07C21/18/523223
B01J23/86

According to International Patent Classification (IPC) or to both national classification and IPC

01 JAN 2005

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 434 409 A (DU PONT) 26 June 1991 (1991-06-26) cited in the application the whole document -----	1-3
A	WO 99 51553 A (MANOGUE WILLIAM H ;DU PONT (US); NAPPA MARIO JOSEPH (US); SIEVERT) 14 October 1999 (1999-10-14) cited in the application the whole document -----	1-3

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

9 January 2004

Date of mailing of the international search report

15/01/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Goetz, G

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internati

Application No

PCT/03/26331

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
EP 0434409	A	26-06-1991	US 5057634 A CA 2032273 A1 CA 2298099 C DE 69013313 D1 EP 0434409 A1 JP 2613683 B2 JP 4145033 A		15-10-1991 20-06-1991 08-01-2002 17-11-1994 26-06-1991 28-05-1997 19-05-1992
WO 9951553	A	14-10-1999	AU 3378099 A DE 69910995 D1 EP 1068167 A1 JP 2002510662 T WO 9951553 A1 US 6018083 A		25-10-1999 09-10-2003 17-01-2001 09-04-2002 14-10-1999 25-01-2000